

Eureka Operations

PHONE: (801) 433-6854 P.O. BOX 250

> Eureka, Utah 84628

DIVISION OF OH, GAS & MINING

Paul L. Hunter, Resident Manager

March 12, 1984

MAR 1 4 1984

James W. Smith, Jr. Coordinator of Mined Land Development State of Utah Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

Dear Mr. Smith:

Enclosed please find the completed Annual Operations and Progress Report (form MR-3). If you have any questions concerning this report please feel free to contact me.

Respectfully

Chief Engineer

CAJ:1r1

Enclosure

MR Form 3 (Revised 1984)

## ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year January 1, 1983 to Month/Year December 31, 1983

(To be submitted for <u>each</u> mining operation at the end of <u>each</u> calendar year to the Division at this <u>address</u>:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

OPERATOR:	Sunsh:	ine Minin	g Company		MINE NAME:	Burgin	Project
ADDRESS:	P. O.	Box 250	Eureka, [	Jtah 840	528		
PERMIT NUMB	ER AND	DATE OF	PERMIT:	ACT/04	49/009 DATE	October 4	<b>,</b> 1982
REPRESENTAT	IVE: _	Carl A	. Johnson				
SECTION(S): 22 TOWNSHIP(S): 10S. RANGE(S): 2W.							
MINERAL(S) MINED: Developing lead, silver, zinc and copper orebody.							
STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: Private Property							
SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: Conditional use permit from Utah							
			<del> </del>		County.	<del></del>	
Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan							

requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

## MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

Disturbance	Acreage
Pit Roads Facilities Waste Dumps Other	0.25

(b) Tabulation of acreage affected to date (by years).

Date by Year	Acreage (Total
1975	-
1976	
1977	**
19 <b>78</b>	<del></del>
1979	**
1980	
1981	2.8
198 <b>2</b>	0
1983	0.25

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

## SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area 1 2 3 etc.
Acreage of Area	No New Topsoil Stockpiled
Depth of Topsoil Removal (inches)	
Depth of Topsoil Replacement (inches)*	
Estimate of Topsoil Volume Salvaged (yd <sup>3</sup> or ac ft)	
Volume Actually Salvaged (yd <sup>3</sup> or ac ft)	
Volume Required for Reclamation (yd <sup>3</sup> or ac ft)	
Surplus or Deficit Volume (yd <sup>3</sup> or ac ft)	
Storage Status (short- or long-term)	

Soil Tabulation Chart (continu	ued)	No	o New Topsoil	Stockpiled
Area Affected (in mining seque	ence)	1	Area 2 3	etc.
Storage Location				
Area Where Soil Has Been Used	(if not stored)			
Running Total (all stockpiles)	(yd <sup>3</sup> or ac ft)			
Short-term				
Long-term		Alexander and the second		
*Of previously stripped area r	ecently reclaimed	l <b>.</b>		
(d) Tabulation of all (new placement and illustration on		of-pit spoil	volumes, da	te of
Area	Date		Acreage	<u>2</u>
N/A				
(e) Tabulation of quantity	of commodity mir	ed.		<del></del>
,	Commodity		Tonnage	
(Mined) None (Milled)	· · · · · · · · · · · · · · · · · · ·			<del> </del>
(f) Description of any new illustration on a map, includi	construction during, but not limit	ing the rep	ort period w	rith
1. Buildings and su	pport facilities.			
Generator Building				
2. Roads. No New Roads				

	3.	Diversion ditches, collector ditches, interceptor ditches, etc. No New
	<del></del>	<del></del>
	4.	Culverts. No New
	<del></del>	
	5.	Sediment ponds, containment ponds. No New
	6.	Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).  No New
	7.	Topsoil stockpiles. No New
	<del>* • · · · · · · · · · · · · · · · · · · </del>	
for	(g) Descr mitigation	ription of any environmental problem areas with a proposed plan on and illustration on a map, including, but not limited to:
	1.	Pit stability problems. None
	2.	Subsidence. None
	-	

3.	Accidental water disch	arge, dam failure, etc.
4.	Slumping, sliding or en	rosion.
5.	Revegetation problem ar Test plot control sit	reas. es being monitered
6.	None	of unsuitable (toxic) overburden.
illustration	on a map, distinguishing	
1.	Backfilled, graded and	contoured areas.
	Area	Acreage
	None	
2.	Topsoiled areas.	
	Area	Acreage
	None	

	_			
	3.	Seeded areas.		
		Area		Acreage
•	··-	None		
		None		
<del></del>				
	4.	Reseeded areas (area	as previously seed	ed, then seeded again).
		Area		Acreage
		None		
(b) to date	Tabul by ye	ears with illustration	ge reclaimed (seede n on an updated map	
•		Year		Acreage
		1975 1976 1977 1978 1979 1980 1981 1982 1983	- - - - - - -	- - - - - - - 1.5
(c) period,	Descri	iption of the reclama ding:	ntion procedures us	sed during the report
	1.	Average depth of top	osoil applied.	
		None		
	-			
	2.	Type of seed (specie	es) used for seedin	g during the report period.
		None		

	3.	Date of seeding during the report period.
Spring		None
Fall _		
(Hand b	4. proadc	Seeding procedures used.  ast or drilled or any other).  None
Pounds	5.	Rate of seed application.  cre of Pure Live Seed (PLS) (if varied, please explain)
rounds	rer A	None
	6.	Type and rate of fertilizer applied.
		None
	7.	Type and rate of mulch applied. None
	8.	Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).
		None
(Cover,	9. dens:	Revegetation test plot information.  ity, productivity, etc.)
		test plots A.B.&C. 10-20% ground cover test plot D 50% ground cover test plots E,F,&H 1-8% ground cover (native mostly) test plots I,J,K&L 20 30% ground cover

10. Soil analysis results.
(d) Description of results of previous revegetation efforts, including: (This should be done as applicable.)
1. Types (species) of seed that have germinated and are growing.  No reclamation seeding done in 1983  Test plots being monitored
2. Types (species) of seed that are not growing successfully.  Section #1
3. Areas experiencing problems with weeds and weed types.  Section #1
4. Significant erosional problems.
<ol> <li>Areas of unsuitable overburden on the surface as related to revegetation failure.  None</li> </ol>
6. Procedures used or proposed to correct these problems.  None

7. Acreage and dates of release (upon inspection by the State) of revegetated areas. Area Date Acreage None 8. Results of soil analysis. None (e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis. Cost/Acre Acres N/A N/A 1. Grading 2. Backfilling 3. Contouring 4. Topsoil Replacement Seeding A. Seedbed Preparation B. Mulch C. Fertilizer D. Seed 6. Other BOND INFORMATION: An updated bond estimate should be included, if required in the Α. Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included. Amount Date Posted Type Present Bond \$67,572 Surety 7/29/82

Increased disturbance, if any:					
None					
Increased Bond Amount	(attached reclamation estimate)	•			
B. Bond release.	•	•			
Acres	Bond Amount Released	Date			
·	None				
		***			

## ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).(b) Other special conditions (status).

